

INTERNATIONAL SEARCH REPORT

 International application No.
PCT/US98/10347

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : A61J 9/00, 9/04

US CL : 215/ 11.1, 11.5

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 215/ 11.1, 11.4, 11.5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---------------|--|---------------------------------------|
| X | US 2,774,500 A (BUDIANI) 18 DECEMBER 1956, note Figures 7 and 9. | 14, 15 and 20 |
| X --- Y | US 5,499,729 A (GREENWOOD ET AL) 19 MARCH 1996, see Figures 18-21. | 23, 25 and 26 ----- 1-26 |
| Y | US 2,060,212 A (HERSTEIN) 10 NOVEMBER 1936, see Figures 4 and 5. | 1-3, 6, 9, 11-16. 18, 20 and 23-26 |
| Y | US 2,365,947 A (GANSON) 26 DECEMBER 1944, see Figures 1 and 3. | 1-3, 6, 9, 11-16, 18, 20 and 23-26 |

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

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|---|--|
| * Special categories of cited documents: | *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
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| *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | *A* document member of the same patent family |
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| *P* document published prior to the international filing date but later than the priority date claimed | |

Date of the actual completion of the international search

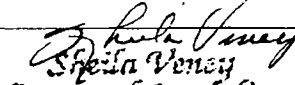
03 AUGUST 1998

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24 AUG 1998

 Name and mailing address of the ISA/US
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Sheila Venev
Patent Officer

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PCT/US98/10347

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | WO 9,007,320 A (DUFORT) 12 JULY 1990, see Figure 3. | 1, 2, 4-10 and 12-26 |
| Y | US 5,601,199 A (MARTY) 11 FEBRUARY 1997, see Figure 3. | 2 |
| A | US 4,723,668 A (CHENG) 09 FEBRUARY 1988 | |
| A | US 4,401,224 A (ALONSO) 30 AUGUST 1983 | |
| A | US 2,982,432 A (MEHL) 02 MAY 1961 | |
| A | GB 2,238,729 A (SIDI ET AL) 12 JUNE 1991 | |